

BRUHATH BENGALORE MAHANAGARA PALIKE DASARAHALLI ZONE

Name of Work :- Emergency works in Ward No.13 Mallasandra, Shettyhalli Sub Division

Estimated Cost: 20.00 Lkhs

SI No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil involving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. (Page No. 142/ Item No. 19.1/ PWD SR 2018-19)								
	Desilt								
	Mallasandra	2	100.00	0.60	0.60	72.00			
	BHEL Mini Colony	2	100.00	0.60	0.60	72.00			
	Shanthi Layout	2	100.00	0.60	0.60	72.00			
	Kalyana Nagara	2	100.00	0.60	0.60	72.00			
	Maheshwari Nagara	2	100.00	0.60	0.60	72.00			
	Vijayalakshmi Layout	2	100.00	0.60	0.60	72.00			
	Ravindra Nagara	2	100.00	0.60	0.60	72.00			
	Manta Area	2	100.00	0.60	0.60	72.00			
	Prashanth Nagara	2	100.00	0.60	0.60	72.00			
	Ayyappa Layout	2	80.00	0.60	0.60	57.60			
	Mathrushree Layout	2	90.00	0.60	0.60	64.80			
	Muneshwara Block	2	80.00	0.60	0.60	57.60			
	Lake View Layout	2	80.00	0.60	0.60	57.60			
	Mallasandra Colony	2	80.00	0.60	0.60	57.60			
	Santhosh Nagara	2	80.00	0.60	0.60	57.60			
	For RCC Culverts								
	Mallasandra Surrounding Area								
		4	6.50	2.50	1.20	78.00			
		4	5.50	2.50	1.20	66.00			
						1144.80	Cum	220.40	252313.92
	Basic Rate	130.00							
	Loading and Unloading	57.00							
	Lead For Earth 10km	25.60							
	Area Weightage 6%	7.80							
	Data Rate	220.40							
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222, I No-27.18 PWD SR 2018-19)								
	For RCC Culverts								
	Mallasandra Surrounding Area								
		4	6.50	2.50	0.15	9.75			
		4	5.50	2.50	0.15	8.25			
						18.00	Cum	5509.33	99167.88
	Basic Rate	5115.00							
	Deduct Cement cost as per SR -18-19 Page No.V SI.No.123	-1079.39	Note:- $(220 \times 490.63 / 100) = 1079.39$						
	Add Cement cost as per Issue rate	1161.86	Note:- $(220 \times 264.06 / 50) = 1161.86$						
	Sub Total	5197.48							
	Area Weightage 6%	311.85							
	Grand Total	5509.33							

SI No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications do- Wall & bottom thickness 15cm (I No-37.59.2,P No-271 PWD SR 2018-19)								
	For RCC Culverts								
	Mallasandra Surrounding Area								
	For Bottom Raft								
		4	6.50	1.50	0.20	7.80			
		4	5.50	1.50	0.20	6.60			
	For side Wall								
		8	6.50	0.30	1.00	15.60			
		8	5.50	0.30	1.00	13.20			
	For Ramp								
		8	6.50	0.75	0.15	5.85			
		8	5.50	0.75	0.15	4.95			
						54.00	Cum	7189.42	388228.58
	Basic Rate	6670.00							
	Deduct Cement cost as per SR -18-19 Page No.V SI.No.123	-1471.89	Note:- (300*490.63/100)=1471.89						
	Add Cement cost as per Issue rate	1584.36	Note:- (300*264.06/50)=1584.36						
	Sub Total	6782.47							
	Area Weightage 6%	406.95							
	Grand Total	7189.42							
4	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (I No-28.8.2,P No-229 PWD SR 2018-19)								
	Consider 90kg/Cum for culvert	1	43.20	90.00		3888.00			
						3.89	Tonne	72326.98	281207.30
	Basic Rate	68233.00							
	Area Weightage 6%	4093.98							
	Data Rate	72326.98							
5	Providing and fixing Precast RCC slab of 250mm thick for Culverts made of Plain/Reinforced Cement Concrete design mix M25 with OPC@340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates@0.47cum, with superplasticizer@3lts confirming to 189103-1999 Reaffirmed-2008, Open Foundation complete as per Drawing and Technical Specification including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications and pointing for joints 1:3 cement mortar including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per the directions of Engineer in-Charge. (Data Rate)								
	~~For Bottom Raft~~ <i>precast slab</i>								
		4	6.50	1.50		39.00			
		4	5.50	1.50		33.00			
						72.00	Sqm	3674.00	264528.00
	Data Rate	3674.00							
6	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortar including form work, lift charges, curing and concrete finished surface on both sides etc, and complete as per the directions of Engineer in charges. (Data Rate)								
	Mallasandra Surrounding Area								
	BHEL Mini Colony	2	20.00	0.90		36.00			
	Shanthi Layout	2	20.00	0.90		36.00			
	Kalyana Nagara	2	30.00	0.90		54.00			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Maheshwari Nagara	2	30.00	0.90		54.00			
	Vijayalakshmi Layout	2	20.00	0.90		36.00			
	Ravindra Nagara	2	25.00	0.90		45.00			
						261.00	Sqm	1615.00	421515.00
	Data Rate	1615.00							
Total Construction Cost									1706960.68
GST Charges 12%									204835.28
Tender Premium									85348.03
Sub Total									1997144.00
Utility Shifting, Miscellaneous and Rounding off									2856.00
GRAND TOTAL									2000000.00

Certificate:-

- 1) This Work Comes Within BBMP Limits.
- 2) Certified that personally Inspected the Work Spot.
- 3) Certified that the Estimate is Prepared Based on CSR of PWD Bangalore Circle 2018-19
- 4) Estimate is Prepared Making Use of essential item of work as per site conditions in safest way of Execution in most economical way
- 5) This work is not include in any other program of work.

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub division,

Executive Engineer,
Dasarahalli Division

ADMINISTRATIVELY SANCTIONED FOR Rs. 20.00
(Rupees Twenty Lakh only)

Under the Head of Account P-1771

Registered as no EE(D.D.)/AS. 117/20-21 Subject to conditions contained in Enclosed Memo
No EE/PP/AS. /17/2020-21 Dt. 22/04/2020

JE/AE. (DASARAHALLI) BBMP

ನಂ. EE/PP/AS/01/2020-21 ದಿನಾಂಕ: 22/04/2020

ರೂ. 20.00 Lakh (Twenty Lakh only) —

ಗಳ ಅಂವಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಡೂದಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಧೀಯಕರರು
ದಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಾಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಾಹಳ್ಳಿ, ವಲಯ, ಬೆಂಗಳೂರು